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(c) 2000 DECHEMA

Set	Items	Description
S1	31783	LIQUID()CRYSTAL()DISPLAY? OR LCD
S2	2584231	FIRST OR PRIMARY(3N)LIGHT?()SOURCE?
S3	0	FIRST() (EMISSION OR BACK) ()FACE?
S4	0	SECOND() (EMISSION OR INCIDENT()END OR BACK) ()FACE?
S5	10	EMISSION()FACE?
S6	990	BACK()FACE?
S7	395	INCIDENT?(3N)FACE?
S8	2275	(MAJOR OR MINOR) (3N)FACE?
S9	295	SIDE()LIGHT?
S10	6299251	ADJUST? OR ALTER? OR MODIF? OR CHANG?
S11	907553	INTENSIT?
S12	1807896	ILLUMINAT? OR LIGHT?
S13	3931	S10(5N)S12(3N)S11
S14	310631	WIDE(3N)RANGE?
S15	68665	(DUAL OR TWO OR TWICE OR DIFFERENT) (3N)DIRECT?
S16	179	SURFACE()LIGHT()SOURCE?
S17	1333671	VIEW? OR DISPLAY?
S18	754	GUIDE(3N)PLATE?
S19	2	WEDGE()LIKE(5N)CROSS?()SECTION?
S20	56562	WEDGE?
S21	527048	CROSS(3N)SECTION?
S22	0	S1 AND S2 AND S5 AND S7 AND S8 AND S9
S23	10	S1 AND (S5 OR S6 OR S7 OR S8 OR S9)
S24	8	RD S23 (unique items)
S25	0	S1 AND S13 AND S14 AND S15
S26	5	S1 AND S13
S27	5	S26 NOT S24
S28	3	RD S27 (unique items)
S29	0	S1 AND S20 AND S21 AND S16

19/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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4553004 INSPEC Abstract Number: A9402-8760M-018

Title: Radiotherapy compensators for an unspecified target dose

Author(s): Djordjevich, A.

Author Affiliation: Atlantic Nucl. Services Ltd., Fredericton, NB, Canada

Conference Title: CNA/CNS Conference Proceedings. 32nd Annual Conference Canadian Nuclear Association and 13th Annual Conference Canadian Nuclear Society p.11 pp.

Publisher: Canadian Nucl. Assoc, Toronto, Ont., Canada

Publication Date: 1992 Country of Publication: Canada 2 vol. (654+702) pp.

Conference Sponsor: CNA; CNS

Conference Date: 7-10 June 1992 Conference Location: St. John, NB, Canada

Language: English

Subfile: A

...Abstract: of gaining higher control over the dose distribution. Thus for example, a filter with the **wedge -like cross section** applied over an inclined body surface, can compensate for that surface not being perpendicular to...

19/3,K/2 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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01165459 E.I. Monthly No: EI8212112777 E.I. Yearly No: EI82093761

Title: BOUNDARY-ELEMENT METHOD FOR SLAMMING ANALYSIS.

Author: Geers, Thomas L.

Corporate Source: Lockheed Palo Alto Res Lab, Calif, USA

Source: Journal of Ship Research v 26 n 2 Jun 1982 p 117-124

Publication Year: 1982

CODEN: JSRHAR ISSN: 0022-4502

Language: ENGLISH

...Abstract: of the structure. This paper focuses on two-dimensional problems pertaining to cylindrical impactors of **wedge -like** and circular **cross section** . 22 refs.

24/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

5911599 INSPEC Abstract Number: B9806-7260-091

Title: Reflective cholesteric polariser improving the light yield of back- and side- lighted flat panel liquid crystal displays

Author(s): Broer, D.J.; Van Haaren, J.A.M.M.; Mol, G.N.; Leenhouts, F.

Author Affiliation: Philips Res. Lab., Eindhoven, Netherlands

Conference Title: Proceedings of Fifteenth International Display Research Conference. Asia Display '95 p.735-8

Publisher: Inst. Telev. Eng. Japan & SID, Tokyo, Japan & Santa Ana, CA, USA

Publication Date: 1995 Country of Publication: USA xxvi+981 pp.

Material Identity Number: XX95-01936

Conference Title: Proceedings of 15th International Display Research Conference

Conference Sponsor: Inst. Telev. Eng. Japan; SID

Conference Date: 16-18 Oct. 1995 Conference Location: Hamamatsu, Japan

Language: English

Subfile: B

Copyright 1998, IEE

Title: Reflective cholesteric polariser improving the light yield of back- and side- lighted flat panel liquid crystal displays

...Abstract: the cholesteric reflection band expands over the total visible wavelength range. In a flat panel liquid crystal display set up such a polariser can be used as pre-polariser, improving on the yield...

...Descriptors: liquid crystal displays ;

...Identifiers: flat panel liquid crystal display ; ...

...side -lighted device

24/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
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5511222 INSPEC Abstract Number: B9704-8150-004

Title: A simple no-bill system [electricity metering]

Author(s): Kimber, P.

Author Affiliation: Middle East Electr., UK

Journal: IEEMA Journal vol.17, no.1 p.6-7, 13

Publisher: IEEMA,

Publication Date: Jan. 1997 Country of Publication: India

CODEN: IJOUEF ISSN: 0970-2946

SICI: 0970-2946(199701)17:1L.6:SBSE;1-9

Material Identity Number: L890-97001

Language: English

Subfile: B

Copyright 1997, IEE

Abstract: A major problem faced by electricity distribution authorities all over the world is in regard to metering, billing and...

... options. These include earth leakage circuit breaker disconnection and LED display only, or LED and LCD display models. Transfer numbers (TN) are the carriers of information. Instead of using magnetic cards...

...Identifiers: LCD display

24/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

4684139 INSPEC Abstract Number: B9407-7260-014

Title: Super thin backlight for liquid crystal displays
Author(s): Honda, S.
Journal: Sanken Technical Report vol.25, no.1 p.61-6
Publication Date: Nov. 1993 Country of Publication: Japan
CODEN: STEQDU ISSN: 0285-9815
Language: Japanese
Subfile: B

Title: Super thin backlight for liquid crystal displays
Abstract: A super thin backlight unit with LED light sources has been developed for liquid crystal displays (LCDs). Use of a LCD in the dark requires a backlight. Conventional backlight units with light sources just under the...

...satisfy the demand for lighter, thinner, shorter, and smaller units. Our new products employ the side lighting which is popular in backlights using cold cathode discharge lamps, to limit the thickness of...

...Descriptors: liquid crystal displays ;
...Identifiers: liquid crystal displays ; ...

...side lighting ;

24/3,K/4 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2000 Japan Science and Tech Corp(JST). All rts. reserv.

02298550 JICST ACCESSION NUMBER: 95A0021343 FILE SEGMENT: JICST-E
1995's latest liquid crystal process technology. Back light technology.
Back light unit for colored LCD.SLU3LU1EX4UA.Toshiba Lightec Co.,
Ltd.

Gekkan Semiconductor World(Semiconductor World), 1994, VOL.13,NO.13,
PAGE.347, FIG.1, TBL.1

JOURNAL NUMBER: Y0509AAA ISSN NO: 0286-5025
UNIVERSAL DECIMAL CLASSIFICATION: 621.385:621.397
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Introduction article
MEDIA TYPE: Printed Publication

1995's latest liquid crystal process technology. Back light technology.
Back light unit for colored LCD.SLU3LU1EX4UA.Toshiba Lightec Co.,
Ltd.

ABSTRACT: The SLU3LU1EX4UA is a back light unit corresponding to 4 type class LCD panels. The adoption of a L-shaped cold cathode fluorescent lamp has realized a central...

...6000cd/m2.It possesses the following features : 1) Light emitting plane with high evenness by side light system, 2) thin and lightweight, 3) it is possible to select luminescent colors, and 4...

DESCRIPTORS: liquid crystal display ;

24/3,K/5 (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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02055679 JICST ACCESSION NUMBER: 94A0372753 FILE SEGMENT: JICST-E
Special issue : Lighting technology for image processing.2.Back light for a liquid crystal display element.

SHONO HIROO (1)
(1) Toshiba Corp.

Hikari Araiatsu(Optical Alliance), 1994, VOL.5,NO.4, PAGE.25-31, FIG.13,
REF.12

JOURNAL NUMBER: L1746AAB ISSN NO: 0917-026X CODEN: HARAE
UNIVERSAL DECIMAL CLASSIFICATION: 621.385:621.397 628.91/.95

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

Special issue : Lighting technology for image processing.2.Back light for a liquid crystal display element.

ABSTRACT: Since a liquid crystal display element (LCD) had characteristics such as thin shape, light weight, and low power consumption, coupled with the...

...as a key part of the multi-media technology is expected. The method of a LCD back light (right-under type, side light) and the back light technology (efficiency of a back light, design by computer simulation, a...

DESCRIPTORS: liquid crystal display ;

24/3,K/6 (Item 3 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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01820568 JICST ACCESSION NUMBER: 93A0756510 FILE SEGMENT: JICST-E
TFT- LCD Technology. 9.5-inch Diagonal TFT- LCD Module for Notebook-Size Personal Computers.

HASHIMOTO TAKESHI (1); HAYASHI HISAAKI (1); TATEISHI KIMIYAKI (1)
(1) Toshiba Corp.

Toshiba Rebyu(Toshiba Review), 1993, VOL.48,NO.8, PAGE.583-586, FIG.5, TBL.1, REF.2

JOURNAL NUMBER: F0360AAK ISSN NO: 0372-0462 CODEN: TORBA
UNIVERSAL DECIMAL CLASSIFICATION: 621.385:621.397 681.325/.327
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

TFT- LCD Technology. 9.5-inch Diagonal TFT- LCD Module for Notebook-Size Personal Computers.

ABSTRACT: We have developed a 9.5-inch color thin-film transistor liquid-crystal display(TFT-LCD)module which is suitable for A4 notebook-size PCs. The features of this module include...

...through the adoption of a slim chip tape carrier package(TCP),as well as the side -light unit employing a thin lamp. In the future,we will develop TFT-LCD modules with higher performance and low power consumption using new basic technologies such as a...

...DESCRIPTORS: liquid crystal display ;

24/3,K/7 (Item 4 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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01590928 JICST ACCESSION NUMBER: 92A0390544 FILE SEGMENT: JICST-E
Special issue : liquid crystal devices. Technology and applications of LCD back light.

KOJIMA KEN (1)
(1) Chayasangyo

Denshi Gijutsu(Electronic Engineering), 1992, VOL.34,NO.7, PAGE.64-66, FIG.7, TBL.1, REF.5

JOURNAL NUMBER: F0571AAK ISSN NO: 0366-8819 CODEN: DEGIA
UNIVERSAL DECIMAL CLASSIFICATION: 621.385:621.397 628.91/.95
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

Special issue : liquid crystal devices. Technology and applications of LCD back light.

...ABSTRACT: bottom lights were widely used in liquid crystal displays (LCDs). With development of large LCDs, side lights have been in common use, except for specific products. This paper describes the recent technology level mainly on back lighting of side light LCDs. This paper describes associated materials, back lights for black-and-white liquid crystal displays, back lights for color liquid crystal displays, CFL, and inverters.

DESCRIPTORS: liquid crystal display ;

24/3,K/8 (Item 5 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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01514436 JICST ACCESSION NUMBER: 92A0033039 FILE SEGMENT: JICST-E

50-inch Autostereoscopic 3-D Television.

ISONO HARUO (1); YASUDA MINORU (1); TAKEMORI DAISUKE (2); KANAYAMA HIDEYUKI (2); YAMADA CHIIHIKO (3); CHIBA KAZUO (4)

(1) NHK, Science and Technical Res. Labs.; (2) Sanyo Electric Co., Ltd. ; (3) Toppan Printing Co., Ltd., Technical Res. Inst.; (4)Toppan Printing Co., Ltd.

Terebijon Gakkaishi (Journal of the Institute of Television Engineers of Japan), 1991, VOL.45,NO.11, PAGE.1472-1474, FIG.4, TBL.1, REF.4

JOURNAL NUMBER: F0330ABG ISSN NO: 0386-6831

UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

...ABSTRACT: vertical stripe image by signal processing. Afterwards, it is projected on a lenticular screen in back face by a high-performance liquid crystal projector. Accordingly, multieye three-dimensional television projection without glasses...

...DESCRIPTORS: liquid crystal display ;

28/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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6263923 INSPEC Abstract Number: A1999-13-4280K-010, B1999-07-4150D-010
Title: Transmission variations in liquid crystal spatial light modulators caused by interference and diffraction effects
Author(s): Davis, J.A.; Tsai, P.; Cottrell, D.M.; Sonehara, T.; Amako, J.
Author Affiliation: Dept. of Phys., San Diego State Univ., CA, USA
Journal: Optical Engineering vol.38, no.6 p.1051-7
Publisher: SPIE,
Publication Date: June 1999 Country of Publication: USA
CODEN: OPEGAR ISSN: 0091-3286
SICI: 0091-3286(199906)38:6L:1051:TVLC;1-2
Material Identity Number: 0036-1999-006
U.S. Copyright Clearance Center Code: 0091-3286/99/\$10.00
Language: English
Subfile: A B
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...Abstract: easily achieved by operating at shorter wavelengths. We also measure an unexpected effect-the transmitted **light intensity changes** with applied voltage. Our experiments show that thin-film interference and pixel diffraction effects are...

...Descriptors: **liquid crystal displays ;**

28/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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04277196 E.I. No: EIP95112909352
Title: Mercury ion density in low-pressure Ar-Hg discharge plasma used for liquid crystal display backlighting
Author: Goto, Miki; Arai, Toshihiko
Corporate Source: Kanagawa Inst of Technology, Atsugi, Jpn
Source: Japanese Journal of Applied Physics, Part 2: Letters v 34 n 8B Aug 15 1995. p L1074-L1075
Publication Year: 1995
CODEN: JAPLD8 ISSN: 0021-4922
Language: English

Title: Mercury ion density in low-pressure Ar-Hg discharge plasma used for liquid crystal display backlighting
Identifiers: **Modified** absorption method; Bessel function; **Light intensity ;** Molecular ion density; Backlighting

28/3,K/3 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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01617024 JICST ACCESSION NUMBER: 92A0639841 FILE SEGMENT: JICST-E
Multiple dynamic speckle correlation method for vibration modal analysis.
TOYOOKA SATORU (1); KADONO HIROFUMI (1); ZHANG Q C (1)
(1) Saitama Univ., Faculty of Engineering
Nippon Kikai Gakkai Kikai Rikigaku, Keisoku Seigyo Koen Ronbunshu, 1992,
VOL.1992,NO.A, PAGE.473-478, FIG.8, TBL.1, REF.6
JOURNAL NUMBER: L1497AAE
UNIVERSAL DECIMAL CLASSIFICATION: 534.1+534.6
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

...ABSTRACT: filter. The light passing through the LCTV panel is converged

to corresponding image points. The light intensity at any image point varies with the change of the cross-correlation between the video speckle pattern on the panel and the live...
...DESCRIPTORS: liquid crystal display ;